



November 6, 2013

SPEARS MANUFACTURING CO., INC.
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1 GATEWAY CT. SUITE A
BOLINGBROOK IL 60440

SPEARS MANUFACTURING CO., INC.
STEVE KERR
15853 OLDEN ST.
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Re: Description: PIPES AND FITTINGS, CPVC
Manufacturer: SPEARS MANUFACTURING CO., INC.
Product Name: SPEARS LABWASTE CPVC
Model Number(s): PIPE: 1-1/2" through 8", FITTINGS: PP or PVDF to CPVC Coupling, P099-xxxC; Coupling, P100-xxxC; Adapter - FPT x hub, P101-xxxC; Increaser / Reducer - all hub, P102-xxxC; Trap Adapter - Male spigot x slip, P103-015C; Cleanout Adapter - spigot x FPT, P105-xxxC; Cleanout Plug - MPT, P106-xxxC; Flush Bushing - spigot x hub, P107-xxxC; Male Adapter - MPT x hub, P109-xxxC; Counter Sunk Plug - MPT, P110-xxxC; CAP - Socket, P116-xxxC; 1/4 Bend - all hub, P300-xxxC; 1/4 Bend - spigot x hub, P302-xxxC; 1/4 Bend Long Sweep - all hub, P304-xxxC; 1/4 Bend spigot x hub, P309-xxxC; 1/6 Bend - hub x hub, P319-xxxC; 1/6 Bend - hub x spigot, P320-xxxC; 1/8 Bend - all hub, P321-xxxC; 1/8 Bend - spigot x hub, P323-xxxC; 1/16 Bend - all hub, P324-xxxC; 1/16 Bend - spigot x hub, P326-xxxC; Double 1/4 Bend - all hub, P327-xxxC; Vent Ell - all hub, P331-xxxC; Vent Ell - hub x spigot, P333-015C; Sanitary Tee - all hub, Sanitary Tee - all hub, P400-xxxC; Sanitary tee - Reducing - all hub, P401-xxxC; Double Sanitary tee - all hub, P428-xxxC; Double Sanitary Tee - Reducing - all hub, P429-xxxC; Vent tee - all hub, P441-xxxC; Flush Cleanout Tee - hub x hub x FPT, P445-xxxC; Double Fixture Fitting - all hub, P500-xxxC; Combination Wye & 1/8 Bend - all hub, P501-xxxC; Combination Wye & 1/8 Bend - Reducing - all hub, 502-xxxC; Combination Wye & 1/8 Bend - Two Piece - all hub, P503-060C; Combination Wye & 1/8 Bend - Two Piece - Reducing - all hub, P504-xxxC; Double Wye & 1.8 Bend - all hub, P507-xxxC; 45 degree Wye - all hub, P600-xxxC; 45 degree Wye - Reducing - all hub, P601-xxxC; Double Wye - all hub, P611-xxxC; Double Wye - Reducing - all hub, P612-xxxC; Return Bend - all hub, P700-xxxC; Tail Piece adapter w/Plastic Nut - spigot x slip, P704P-015C; P-Trap, w/solvent weld joint - all hub, P706x-xxxC; P-Trap w/cleanout - all hub, P707x-015C; P-Trap w/Plastic Nut - all hub, P708P-xxxC; L.A. Pattern P-Trap w/Plastic Nut - hub x slip w/plastic nut, P711P-015C; Closet Flange, P800-422; Floor Drain w/CPVC Grate, LW1500-xxxC; Floor Drain w/Stainless Steel grate, LW1500-xxxS; Floor Drain w/Stainless Steel Plug, LW1510-xxxS; and Flange - Van Stone Style - socket, 854-xxxC
NOTE: xxx = different size code designation
Product File No: 20130293

The specifications and/or plans for this plumbing product have been reviewed and determined to be in compliance with chapters SPS 382 through 384, Wisconsin Administrative Code, and Chapters 145 and 160, Wisconsin Statutes.

The Department hereby issues an alternate approval to s. SPS 384.30 (2) and (3) based on the Wisconsin Statutes and the Wisconsin Administrative Code. This approval is valid until the end of November 2018.

This approval supersedes the approval issued on January 26, 2009 under product file number 20090033.

This alternate approval is required because CPVC pipe is not presently listed in tables 384.30-1, 384.30-2 or 384.30-3. Also, the polypropylene (PP) and polyvinylidene difluoride (PVDF) fittings are not presently listed in table 384.30-10.

This alternate approval is contingent upon compliance with the following stipulation(s):

- This product may be installed for the following drain or vent use(s):
 - a. Drain piping pressurized
 - b. Effluent piping gravity flow non-perforated
 - c. Effluent piping gravity flow perforated
 - d. Sanitary drain and vent piping . . gravity flow aboveground
 - e. Sanitary drain and vent piping . . gravity flow underground
 - f. Sanitary sewer gravity flow
 - g. Storm drain and vent piping . . . gravity flow aboveground
 - h. Storm drain and vent piping . . . gravity flow underground
 - i. Storm sewer gravity flow
 - j. Subsoil drain piping gravity flow
- Pipe hangers and supports on continuous spans of uninsulated line carrying fluids of specific gravity of 1.0, must not exceed intervals greater than those specified in Table 1 entitled Spears DWV CPVC Support Spacing.

Table 1
Spears DWV CPVC Support Spacing (ft.)
Schedule 40 CPVC
Temperature (Fahrenheit)

Pipe Size (in.)	100	120	140	160	180	200	210
1-1/2	6	5-1/2	5	3-1/2	3	2-1/2	2
2	6	5-1/2	5	3-1/2	3	2-1/2	2
3	7	7	6	4	3-1/2	3	2-1/2
4	7-1/2	7	6	4-1/2	4	3-1/2	3
6	8	7-1/2	6-1/2	5	4-1/2	4	3-1/2
8	9	8-1/2	7	5-1/2	5	4-1/2	4

The department is in no way endorsing this product or any advertising, and is not responsible for any situation which may result from its use.

Sincerely,

Glen W. Schlueter
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